

CLAIMS

What is claimed as invention is:

1. A method for the delivery and deployment of an endovascular support device or stent on a delivery balloon

5 catheter comprising the steps of:

encapsulating said stent and balloon within a sheath device;

exposing said encapsulated stent and balloon to an elevated temperature while pressurizing said balloon, forming
10 said balloon around said stent and within said sheath device; and

cooling said balloon and said stent while maintaining pressure in said balloon.